NICK RUSSERT

858-717-2732 | russertnick@gmail.com | https://www.linkedin.com/in/nick-russert-08372426a/

Recent Computer Science graduate with strong software engineering foundations and a passion for machine learning and AI. Proficient in Python and C++ with hands-on experience building and testing real world systems and predictive models. Eager to collaborate with an ambitious team, grow through mentorship and feedback, and build production level technology.

EDUCATION

San Diego State University, San Diego, CA Graduation Date: May 2025

- Bachelors of Science in Computer Science GPA: 3.7

PROJECTS

Cross Domain Breast Cancer Detection Python & Git

- Achieved an increase in detection accuracy by using generative adversarial networks to create synthetic medical data
- Tested with multiple classification models across domains

Crypto Price Prediction Using Online LSTM Python & Predictive Models

- Developed an LSTM online learning model to predict Bitcoin price fluctuations
- Demonstrated higher return values using online learning, outperforming static models and buy and hold strategies

ASL Hand Sign Classification Python & AI

- Used Python to classify American Sign Language hand signs from a large dataset.
- Implemented CNN, Regression, and Computer vision techniques to analyze and predict hand gestures with high accuracy.
- Demonstrated the ability to apply AI techniques to real-world problems.

WORK AND LEADERSHIP EXPERIENCE

Lead Bartender, Din Tai Fung January 2021 - Present

- Providing exceptional customer service and creating a welcoming atmosphere

TECHNICAL SKILLS

Programming Languages: Python, C++, Java, Haskell, Prolog, Assembly languages
Tools & Technologies: Linux, SQL, Jupyter Notebooks, MATLAB, AWS, Git
Software Development: Object Oriented Programming (OOP), Algorithms, Data Structures
Web Development: HTML, Rest APIs, Web UI, JavaScript
ML & AI: Computer Vision, Sentiment Analysis, Predictive Modeling, Neural Networks
Database Management: SQL Query Analyzer, Database Testing
Libraries: Pandas, NumPy, Matplotlib, PyTorch, TensorFlow